

List of Claims:

1. (Currently Amended) A threat resolution system for identifying and resolving threats within packages comprising:
 - an initial ~~EDS~~ explosives detection CT scanning system for identifying a threat[[s]] in a package[[s]] based upon ~~a scan~~ CT reconstructed information of the package[[s]] and ~~the~~ a nature of the threat[[s]];
 - a first secondary CT scanning system for resolving threats having a first nature as identified by the initial explosives detection CT scanning system; and
 - a second secondary CT scanning system for resolving threats having a second nature as identified by the initial explosives detection CT scanning system.
2. (Currently Amended) The threat resolution system for identifying and resolving threats within packages according to claim 1, wherein the packages ~~include~~ is an item of baggage.
3. (Currently Amended) The threat resolution system for identifying and resolving threats within packages according to claim 1, wherein the nature of the threat[[s]] includes at least one of object shielding and lack of identification.
4. (Currently Amended) The threat resolution system for identifying and resolving threats within packages according to claim 1, wherein the first secondary CT scanning system includes a dual energy CT scanner.
5. (Currently Amended) The threat resolution system for identifying and resolving threats within packages according to claim 4, wherein the second secondary CT scanning system includes a high resolution scanner.

6. (Currently Amended) The threat resolution system for identifying and resolving threats within packages according to claim 1, wherein the first secondary CT scanning system includes a high resolution scanner.

7. (Currently Amended) The threat resolution system for identifying and resolving threats within packages according to claim 1, further comprising:

an operator review station for reviewing threats identified by the initial ~~EDS~~ explosives detection CT scanning system and clearing individual threats in packages prior to resolution by one of the secondary CT scanning systems.

8. (Canceled)

9. (Currently Amended) The threat resolution system for identifying and resolving threats within packages according to claim 1, wherein the ~~EDS~~ initial explosives detection CT scanning system and at least one of the first secondary CT scanning system and second secondary CT scanning system include processes within a single scanner.

10. (Currently Amended) A method of scanning packages for resolution of threats, the method comprising ~~the step of~~:

performing an initial CT scan of ~~the a~~ package[[s]];

performing CT reconstruction on information from the initial CT scan to obtain CT reconstruction information;

identifying at least one threat[[s]] and ~~the~~ at least one respective nature of the at least one threat[[s]] based upon the CT reconstruction information ~~initial scan of packages;~~

performing a secondary CT scan of a first type on the package where the packages ~~has~~ ing a threat[[s]] of a first nature;

performing a secondary CT scan of a second type on the package where the packages having a threat[[s]] of a second nature; and

resolving the at least one threats based upon at least one of the secondary CT scan of the first type and the secondary CT scan of the second type.

11. (Currently Amended) The method for scanning packages for resolution of threats according to claim 10, wherein the package[[s]] ~~include~~ is an item of baggage.

12. (Currently Amended) The method for scanning packages for resolution of threats according to claim 10, wherein at least one of the secondary CT scan of the first type and the secondary CT scan of the second type includes a dual energy scan.

13. (Currently Amended) The method for scanning packages for resolution of threats according to claim 10, wherein at least one of the secondary CT scan of the first type and the secondary CT scan of the second type includes a high resolution scan.

14. (Currently Amended) The method for scanning packages for resolution of threats according to claim 10, wherein the at least one respective nature of the at least one threat[[s]] includes at least one of shielding objects and lack of identification.

15. (Currently Amended) The method for scanning packages for resolution of threats according to claim 10, further comprising, prior to ~~step of~~ performing a the secondary scan of a the first type, ~~the steps of~~:

displaying identified threats to an operator; and

receiving an input from an operator clearing at least one threat in a the package.